

**METHOD AND STRUCTURE FOR ULTRA-HIGH  
DENSITY, HIGH DATA RATE FERROELECTRIC STORAGE DISK  
TECHNOLOGY USING STABILIZATION BY A SURFACE  
CONDUCTING LAYER**

**ABSTRACT**

A method and structure for a ferroelectric storage medium, includes a metallic underlayer and a ferroelectric data layer over the metallic underlayer. A layer over the ferroelectric data layer has a charge migration rate faster than a charge migration rate of the ferroelectric data layer.